IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER:

10/561,618

FILING DATE:

05/05/2006

FIRST NAMED INVENTOR:

Brenda F. Baker

ART UNIT:

1635

EXAMINER NAME:

Tracy Ann Vivlemore

ATTORNEY DOCKET NUMBER:

CORE0005USA

TITLE:

OLIGOMERIC COMPOUNDS FOR USE

IN GENE MODULATION

MAIL STOP AMENDMENT COMMISSIONER FOR PATENTS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT Under 37 C.F.R. §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 C.F. R. §§ 1.56 and 1.97-98, enclosed herewith is PTO Form PTO/SB/08A and PTO/SB/08B listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;

before the r	nailing of a first official action after filing of a request for				
continued exan	nination (RCE) under 37 C.F.R. § 1.114;				
after three months of the filing date of this national application or the date of					
entry of the nat	ional stage in an international application, or after the mailing date				
of the first offic	cial action on the merits, whichever event last occurred, but before				
that mailing da	te of the first office action to occur of either: (1) a final action				
under 37 C.F.R	a. § 1.113; or (2) an action that otherwise closes prosecution in the				
application, and	d:				
attac	ched hereto is the fee set forth under 37 C.F.R. § 1.17(p) for				
submiss	sion of this Information Disclosure Statement under 37 C.F.R. §				
1.97(c);	OR				
☐ App	licant certifies pursuant to 37 C.F.R. § 1.97(e) that:				
	each item of the information contained in this Information				
	Disclosure Statement was first cited in a communication from a				
:	foreign patent office in a counterpart foreign application not more				
i	than three months prior to the filing of this Statement;				
(OR				
	no item of information contained in this Information Disclosure				
;	Statement was cited in a counterpart foreign application and, to the				
]	knowledge of the person signing this certification after making				
1	reasonable inquiry, no item of information contained in this				
;	Statement was known to any individual designated under 37 C.F.R.				
!	§ 1.56(c) more than three months prior to the filing of this				
;	Statement.				
on or before	the payment of the issue fee but after the mailing date of the first				
to occur of eith	er: (1) a final action under 37 C.F.R. § 1.113; (2) a notice of				
allowance unde	er 37 C.F.R. § 1.311; or (3) an action that otherwise closes				
prosecution in t	he application, and:				
☐ App	licant certifies pursuant to 37 C.F.R. § 1.97(e) that:				
[each item of information contained in this Information				
1	Disclosure Statement was cited in a communication from a foreign				

Serial No.: 10/561,618 Docket No.: CORE0005USA

pa	atent office in a counterpart foreign application not more than
th	ree months prior to the filing of this statement;
О	R
	no item of information contained in this Information Disclosure
St	tatement was cited in a counterpart foreign application and, to the
kı	nowledge of the person signing this certification after making
re	asonable inquiry, no item of information contained in this
St	tatement was known to any individual designated under 37 C.F.R.
§	1.56(c) more than three months prior to the filing of this
St	tatement. AND
attach	ed hereto is the fee set forth under 37 C.F.R. § 1.17(p) for
submissio	on of this Information Disclosure Statement under 37 C.F.R. §
1.97(c); (OR .
after the payn	nent of the issue fee. Applicant requests that the information
contained in this	Information Disclosure Statement be placed in the file according
	97(i), although the information may not be considered by the
USPTO.	
Enclosed is a copy of	f each listed reference that may be material to the examination of
this application, and for	which there may be a duty to disclose.
This application relie	es, under 35 U.S.C. § 120, on the earlier filing date of prior
application No. , f	iled on , and the references cited therein are hereby
referenced, but are not re	equired to be provided in this application under 37 C.F.R. §
1.98(d).	
☐ This application was	filed after June 30, 2003. Therefore, pursuant to the waiver of
the requirements under 3	37 C.F.R. § 1.98(a)(2)(i), copies of each U.S. Patent and each
U.S. Patent Application	Publication are not required to be submitted. Copies of any
	s and non-patent literature cited herein are enclosed.
Each item of informa	ation contained in this Information Disclosure Statement was
cited in the communicati	on from a foreign patent office in a counterpart application, and
the communication was a	not received by any individual designated in 37 C.F.R. § 1.56(c)

Serial No.: 10/561,618 Docket No.: CORE0005USA

more than thirty days prior to the filing of this Information Disclosure Statement 37 C.F.R. § 1.704(d).

Applicant submits that no fee is required for the consideration of this Information Disclosure Statement. However, if a fee is due, the Commissioner is hereby authorized to charge Deposit Account No 500252 referencing case number CORE0005USA. Consideration of the listed references and favorable action are solicited.

Dated: 8-8-06

Respectfully submitted,

Robert S. Andrews

Registration No.: 44,508 Isis Pharmaceuticals, Inc. 1896 Rutherford Road Carlsbad, CA 92008 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute	Substitute for form 1449/PTO				Complete if Known
				Application Number	10/561,618
INFO	RMATION	DIS	CLOSURE	Filing Date	05/05/2006
STA	STATEMENT BY APPLICANT			First Named Inventor	Brenda F. Baker
				Art Unit	1635
	(Use as many sheets as necessary)			Examiner Name	Tracy Ann Vivlemore
Sheet	1	of	5	Attorney Docket Number	CORE0005USA

	U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication/Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant		
Initials *	No.1	Number - Kind Code ² (if known)	MM-DD-YYYY	Oned Boodinein	Passages or Relevant Figures Appear		
	AA	US-5,484,908	01-16-1996	Froehler et al.			
	AB	US-5,898,031	04-29-1999	Crooke			
	AC	US-6,005,087	12-21-1999	Cook et al.			
	ΑĎ	US-6,107,094	08-22-2000	Crooke			
	AE	US-2004/0259247	12-23-2004	Tuschl et al.			
		US-					
		US-					
		US-					
		US-			17.2		
		US-			- 11 , , , , , , , , , , , , , , , , , ,		
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					
		US-					

		FOREIGN PA	TENT DOCUM	MENTS		
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁶ (if known)	Date/Filing Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	7⁵
	AF	WO 99/32619 A1	07-01-1999	Carnegie Institute		
	AG	WO 00/44895 A1	08-03-2000	Kreutzer et al.		
	AH	WO 00/44914 A1	08-03-2000	Medical College		
	AI	WO 00/49035 A1	08-24-2000	General Hospital		
	AJ	WO 00/63364 A2	10-26-2000	American Home		
	AK	WO 01/29058 A1	04-26-2001	University of Massachusetts		
	AL	WO 01/36641 A2	05-25-2001	Chiron Corp.		
	AM	WO 01/36646 A1	05-25-2001	Cancer Res.		
	AÑ	WO 01/48183 A2	07-05-2001	Devgen NV		
	AQ	WO 01/75164 A2	10-11-2001	Whitehead Inst.		

Examiner Signature	Date Considered	
Olgilature	 Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449/PTO Complete if Known Application Number 10/561,618 INFORMATION DISCLOSURE Filing Date 05/05/2006 STATEMENT BY APPLICANT First Named Inventor Brenda F. Baker Art Unit 1635 (Use as many sheets as necessary) Examiner Name Tracy Ann Vivlemore Sheet of 5 Attorney Docket Number CORE0005USA

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	АР	BASS, B. L., "Double-Stranded RNA as a Template for Gene Silencing," Cell (2000) 101(3):235-238.	
	AQ	BOUTLA A. et al., "Short 5'-phosphorylated double-stranded RNAs induce RNA interference in Drosophila," Current Biology (2001) 11(22):1776-1780.	
	AR	BRAASCH, D. A. et al., "RNA Interference in Mammalian Cells by Chemically-Modified RNA," <i>Biochemistry</i> (2003) 42(26):7967-7975.	
	AS	BRANTL, S., "Antisense-RNA regulation and RNA interference," <i>Biochimica et Biophysica Acta</i> (2002) 1575(1-3):15-25.	
	AT	BUHR, C. A. et al., "Oligodeoxynucleotides containing C-7 propyne analogs of 7-deaza-2'-deoxyguanosine and 7-deaza-2'-deoxyadenosine," <i>Nucleic Acids Research</i> (1996) 24(15):2974-2980.	
	AU	CHIU, YL. et al., "siRNA function in RNAi: A chemical modification analysis," RNA (2003) 9(9):1034-1048.	
	AV	COGONI, C. et al., "Post-transcriptional gene silencing across kingdoms," Curr Opin Genet Dev. (2000) 10(6):638-643.	
	AW	ELBASHIR, S. M. et al., "RNA interference is mediated by 21- and 22-nucleotide RNAs," Genes Dev. (2001) 15(2):188-200.	
	AX	ELBASHIR, S. M. et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," <i>Nature</i> (2001) 411(6836):494-498.	
	AY	ELBASHIR, S. M. et al., "Functional anatomy of siRNAs for mediating efficient RNAi in Drosophila melanogaster embryo lysate," EMBO (2001) 20(23):6877-6887.	
	AZ	FIRE, A. et al., "Potent and specific genetic interference by double-stranded RNA in Caenorhabditis elegans," Nature (1998) 391:806-811.	
	BA	GALLO, M. et al., "2'-C-Methyluridine phosphoramidite: a new building block for the preparation of RNA analogues carrying the 2'-hydroxyl group," <i>Tetrahedron</i> (2001) 57(27):5707-5713.	,
	BB	GUILLERM, D. et al., "Synthesis of 4'-fluoroadenosine as an inhibitor of S-adenosyl-L-homocysteine hydrolase," <i>Bioorganic & Medicinal Chemistry Letters</i> (1995) 5(14):1455-1460.	
	BC	GUO, S. et al., "par-1, a Gene Required for Establishing Polarity in C. elegans Embryos, Encodes a Putative Ser/Thr Kinase That Is Asymmetrically Distributed," Cell (1995) 81(4):611-620.	

_	 	
Examiner	Date	ì
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Substitute	ofor form 144	9/PTO			Complete if Known		
	INIEO	DMAT	ION DIG	CL OCUDE	Application Number	10/561,618		
	_			SCLOSURE	Filing Date	05/05/2006		
	STA	IEMEN	I BY A	PPLICANT	First Named Inventor	Brenda F. Baker		
					Art Unit	1635		
		(Use as ma	any sheets as	necessary)	Examiner Name	Tracy Ann Vivlemore		
Ī	Sheet	3	of	5	Attorney Docket Number	CORE0005USA	J	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BD	GURU, T., "A silence that speaks volumes," Nature (2000) 404:804-808.	
	BE	GUTIERREZ, A. J. et al., "Antisense Gene Inhibition by C-5-Substituted Deoxyuridine-Containing Oligodeoxynucleotides," <i>Biochemistry</i> (1997) 36(4):743-748.	
	BF	HARRY O'KURU, R. E. et al., "A Short, Flexible Route toward 2'-C-Branched Ribonucleosides," J. Org. Chem. (1997) 62(6):1754-1759.	
	ВG	JACOBSON, K. A. et al., "Methanocarba Analogues of Purine Nucleosides as Potent and Selective Adenosine Receptor Agonists," <i>J. Med. Chem.</i> (2000) 43(11):2196-2203.	
	ВН	JORGENSEN, R. A. et al., "Chalcone synthase cosuppression phenotypes in petunia flowers: comparison of sense vs. antisense constructs and single-copy vs. complex T-DNA sequences," <i>Plant Mol. Biol.</i> (1996) 31(5):957-973.	
	BI	KAWASAKI, A. M. et al., "Uniformly Modified 2'-Deoxy-2'-fluoro Phosphorothioate Oligonucleotides as Nuclease-Resistant Antisense Compounds with High Affinity and Specificity for RNA Targets," J. Med. Chem. (1993) 36(7):831-841.	
	ВЈ	KHVOROVA, A. et al., "Functional siRNAs and miRNAs Exhibit Strand Bias," Cell (2003) 115(2):209-216.	
	вк	KURRECK, J., "Antisense technologies, Improvement through novel chemical modifications," Eur. J. Biochem. (2003) 270(8):1628-1644.	
	BL	LEE, K. et al., "Ring-Constrained (N)-Methanocarba Nucleosides as Adenosine Receptor Agonists: Independent 5'-Uronamide and 2'-Deoxy Modifications," <i>Bioorganic & Medicinal Chemistry Letters</i> (2001) 11(10):1333-1337.	
	ВМ	LIN, KY. et al., "A Cytosine Analogue Capable of Clamp-Like Binding to a Guanine in Helical Nucleic Acids," J. Am. Chem. Soc. (1998) 120(33):8531-8532.	
	BN	MARTINEZ, J. et al., "Single-Stranded Antisense siRNAs Guide Target RNA Cleavage in RNAi," Cell (2002) 110(5):563-574.	
	во	MELLITZER, G. et al., "Spatial and temporal 'knock down' of gene expression by electroporation of double-stranded RNA and morpholinos into early postimplantation mouse embryos," Mechanisms of Development (2002) 118(1-2):57-63.	
	ВР	MONTGOMERY, M. K. et al., "RNA as a target of double-stranded RNA-mediated genetic interference in Caenorhabditis elegans," Proc. Natl. Acad. Sci. USA (1998) 95(26):15502-15507.	

Examiner	Date	_
Signature	Considered	J

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 1450.

Approved for use through 09/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

	Substitute	for form 1449/	PTO		Complete if Known			
	INFO		SM DI	COLOCUDE	Application Number	10/561,618		
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Filing Date	05/05/2006		
					First Named Inventor	Brenda F. Baker		
					Art Unit	1635		
					Examiner Name	Tracy Ann Vivlemore		
	Sheet	4	of	5	Attorney Docket Number	CORE0005USA		

	-	NON PATENT LITERATURE DOCUMENTS		
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	BQ	MORITA, K. et al., "2'-O,4'-C-Ethylene-Bridged Nucleic Acids (ENA): Highly Nuclease-Resistant and Thermodynamically Stable Oligonucleotides for Antisense Drug," <i>Bioorganic & Medicinal Chemistry Letters</i> (2002) 12(1):73-76.		
	BR	MOULDS, C. et al., "Site and Mechanism of Antisense Inhibition by C-5 Propyne Oligonucleotides," <i>Biochemistry</i> (1995) 34(15):5044-5053.		
	BS	NAPOLI, C. et al., "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes in trans," Plant Cell (1990) 2(4):279-289.		
	ВТ	NISHIKURA, K. et al., "A Short Primer on RNAi: RNA-Directed RNA Polymerase Acts as a Key Catalyst," Cell (2001) 107(4):415-418.		
	BU	OWEN, G. R. et al., "4'-Substituted Nucleosides. 3. Synthesis of Some 4'-Fluorouridine Derivatives," J. Org. Chem. (1976) 41(18):3010-3017.		
	BV	PARRISH, S. et al., "Functional Anatomy of a dsRNA Trigger: Differential Requirement for the Two Trigger Strands in RNA Interference," <i>Molecular Cell</i> (2000) 6(5):1077-1087.		
	вw	SCHWARZ, D. S. et al., "Evidence that siRNAs Function as Guides, Not Primers, in the Drosophila and Human RNAi Pathways," Molecular Cell (2002) 10(3):537-548.		
	вх	SCHWARZ, D. S. et al., "Asymmetry in the Assembly of the RNAi Enzyme Complex," Cell (2003) 115(2):199-208.		
	ву	SOUTSCHEK, J. et al., "Therapeutic silencing of an endogenous gene by systemic administration of modified siRNAs," <i>Nature</i> (2004) 432(7014):173-178.		
	BZ	SINGH, S. K. et al., "LNA (locked nucleic acids): synthesis and high-affinity nucleic acid recognition," Chem Commun (1998) (4):455-456.		
	CA	TABARA, H. et al., "RNAi in C. elegans: Soaking in the Genome Sequence," Science (1998) 282(5388):430-431.		
	СВ	TANG, XQ. et al., "2'-C-Branched Ribonucleosides: Synthesis of the Phosphoramidite Derivatives of 2'-C-β-Methylcytidine and Their Incorporation into Oligonucleotides," J. Org. Chem. (1999) 64(3):747-754.		
	СС	TIJSTERMAN, M. et al., "RNA Helicase MUT-14-Dependent Gene Silencing Triggered in C. elegans by Short Antisense RNAs," Science (2002) 295(5555):694-697.		
	CD	TIMMONS, L. et al., "Specific interference by ingested dsRNA," Nature (1998) 395(6705):854.		

Examiner Date Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute	for form 1449/PTO			Complete if Known		
INIEO	DRA ATION	DIC	CL OCUBE	Application Number	10/561,618	
			CLOSURE	Filing Date	05/05/2006	
STAT	EMENT B	Y A	PPLICANT	First Named Inventor	Brenda F. Baker	
				Art Unit	1635	
(Use as many sheets as necessary)			necessary)	Examiner Name	Tracy Ann Vivlemore	
Sheet	5	of	5	Attorney Docket Number	CORE0005USA	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CE	TIMMONS, L. et al., "Ingestion of bacterially expressed dsRNAs can produce specific and potent genetic interference in <i>Caenorhabditis elegans</i> ," <i>Gene</i> (2001) 263(1-2):103-112.	
	CF	TUSCHL, T. et al., "Targeted mRNA degradation by double-stranded RNA in vitro," Genes Dev (1999) 13(24):3191-3197.	
			

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.